

DOCKET NO: C01040.70010.US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Serial No:

Confirmation No:

Filed:

For:

Heather L. Davis et al.

39/768,012

9273

January 22, 2001

IMMUNOSTIMULATORY NUCLEIC ACIDS FOR CH CENTER 1600/2900

Examiner:

Art Unit:

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 5TH day of August, 2003.

Michelle M. Quinn

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

STATEMENT FILED PURSUANT TO THE DUTY OF DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. §1.114. No fee or certification is required.

PART III: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application.

Art Unit: 1632

Serial No.: 09/768,012

Conf. No.: 9273

The Applicant would like to bring to the Examiner's attention the following copending

applications that may contain subject matter related to this application:

Docket Number	Serial Number	Filing Date	Inventor(s)
C01037.70021.US	09/949,194	9/7/01	Peterson et al.
C01037.70025.US	10/017,995	12/14/01	Bratzler
C01037.70041.US	TBD	7/3/03	Krieg
C01037.70042.US	TBD	7/3/03	Krieg
C01037.70043.US	TBD	7/3/03	Krieg
C01037.70044.US	TBD	7/3/03	Krieg
C01037.70045.US	TBD	7/3/03	Krieg
C01037.70046.US	TBD	6/5/03	Krieg
C01039.70053.US	09/931,583	8/16/01	Krieg et al.
C01039.70057.US	09/965,101	9/26/01	Davis et al.
C01039.70058.US	10/023,909	12/18/01	Davis et al.
C01039.70060.US	10/112,653	3/29/02	Krieg et al.
C01039.70061.US	10/161,229	6/3/02	Krieg et al.
C01039.70062.US	10/187,489	7/2/02	Krieg et al.
C01039.70063.US	10/224,523	8/19/02	Krieg et al.
C01039.70065.US	10/272,502	10/15/02	Krieg et al.
C01039.70067.US	10/300,247	11/20/02	Davis et al.
C01039.70068.US	10/306,522	11/27/02	Krieg et al.
C01039.70069.US	10/314,578	12/9/02	Krieg et al.
C01039.70070.US	10/382,822	3/6/03	Krieg et al.
C01039.70071.US	10/435,656	5/9/03	Krieg et al
C01039.70072.US	10/434,696	5/9/03	Davis et al.
C01039.70075.US	TBD	7/3/03	Krieg et al
C01039.70077.US	TBD	7/14/03	Krieg
C01039.70078.US	TBD	7/25/03	Krieg et al.
C01039.70079.US	TBD	7/25/03	Krieg et al.
C01039.70080.US	TBD	7/30/03	Krieg et al
C01041.70016.US	09/954,987	9/17/01	Bauer et al.
C01041.70019.US	10/140,013	5/6/02	Schetter et al.
C01041.70029.US	10/212,133	8/1/02	Lipford et al.
C01041.70031.US	10/265,072	10/5/02	Lipford
C01041.70035.US	10/373,381	2/24/03	Wagner et al.
C01041.70037.US	10/407,952	4/4/03	Wagner et al.

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PART IV: Explanation of Non-English Language References and Remarks Concerning Other Information Cited

The following is a concise explanation of the relevance of each non-English language reference listed on the attached form PTO-1449 (modified):

The following are remarks concerning the other information cited:

PART V: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

- 1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
- 2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
- 3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

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An early and favorable action is hereby requested.

Respectfully submitted,

Heather L. Davis et al., Applicants

Bv

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Boston, Massachusetts 02210-2211

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Docket No. C01040.70010.US

Date: August 5, 2003

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TRABE	449/A and B (Modified)			AFFLIC	APPLICATION NO.: 09/768,012 ATTY. DOCKET NO.:		KET NO.: C01040.	70010.US
INFORMATION DISCLOSURE				FILING	DATE: January 22, 2001	CONFIRMA	TION NO.: 9273	
STAT	EMENT	Г ВҮ АР	PLICANT	APPLIC	ANT: Heather L. Davis et	al.	RECE	
Sheet . 1 of 2			2	GROUP	GROUP ART UNIT: 1632 EXAMINE		R: D Nguyen / E	
				U.S. P/	ATENT DOCUMENTS	TECH	CFNT 2200	}
	Cita	T (J.S. Patent Docum				Date of Philom	on or of issue
Examiner's Initials	Cite No.	 	Number	Kind Code	Name of Patentee or Applicat Document	n of Ched	of Cited Do MM-DD-	cult dent
	A33	5,268,36	55		Rudolph et al.		12-07-1993	
	A34	5,488,039 5,492,899			Masor et al.		01-30-1996 02-20-1996 01-07-1997	
	A35				Masor et al.			
	A36				Agrawal et al.			
	A37				Masor et al.		02-11-1997	
A38		5,612,060		Alexander		03-18-1997 12-23-1997		
	A39 5,700,590 A40 5,786,189		Masor et al.					
				Locht et al. 07-28-1998		07-28-1998		
	A41	6,339,06	58	Davis et al.			01-15-2002	
_	A42	6,429,19	99		Krieg et al. 08-06		08-06-2002	
	A43	6,406,70)5		Davis et al. 06-18-2002			
				FOREIGN	N PATENT DOCUMENTS			·
	City	For	eign Patent Docur	nent	Name of Patentee or Applicar	nt of Cited	Date of	T 1
Examiner's Initials	Cite No.	Office/ Country	Number	Kind Code	Document (not necessary)		Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
	B47	WO	00/03683		Inex Pharmaceuticals Corpora	tion	01-27-2000	
	B48	WO	99/55743		Inex Pharmaceuticals Corporat	tion	11-04-1999	
	B49	WO	98/51278		Inex Pharmaceuticals Corporat	tion	11-19-1998	
			OTHER AR	T — NON P	ATENT LITERATURE DOCUM	ENTS		
Examiner's Initials	Examiner's Cite Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the iter					Translation (Y/N)		
	C86	Agrawal, Tibtech, 14:376-387, 1996						
·	C87	Bates et al.	, J. Bio. Chem., 27	4(37):26369	2-26377, 1999		· · · · · · · · · · · · · · · · · · ·	
	C88	Boggs, et al. Antisense Nucleic Acid Drug Dev, 7(5)461-471, 1997						
	C89	Carter et al., Int. J. Immunopharmae., 13(1):69-76, 1991 Chace et al., Clinical Immunology and Immunopathology, 68(3):327-332, 1993					_ _	•

EXAMINER	DATE CONSIDERED
	<u></u>

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]

^{*}a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. ___, filed ___, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

FORM REVI 444

d B (Modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICATION NO.: 09/768,012

ATTY. DOCKET NO.: C01040.70010.US

FILING DATE:

January 22, 2001

CONFIRMATION NO.: 9273

APPLICANT:

Heather L. Davis et al.

GROUP ART UNIT: 1632 of 2 Sheet 2

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	C91	Daheshia et al., Vaccine, 16(11/12):1103-1110, 1998		
	C92	Diamanetetein (VIII)		
	C93	Ewel et al., Cancer Res., 52(11):3005-3010, 1992		
	C94	Ewel et al., Cancer Res., 52(11):3005-3010, 1992 Fynan et al. Proc Natl Acad Sci USA, 90(24):11478-11482, 1993 Gao et al., Mol PHarmacol, 41:223-229, 1992		
	C95	Gao et al., Mol PHarmacol, 41:223-229, 1992		
	C96	Hadden et al., JAMA 268(20):2964-2969		
	C97	Hartmann, Antisense & Nuc. Acid Drug Dev., 6:291-299, 1996		
	C98	Hatzfeld, J. J Exp Med 174:925-929, 1991		
<u> </u>	C99	Hefeneider, Clin. Immunol. and Immunopath., 63(3):245-251, 1992		
	C100	Hughes, Antisense Res. & Dev., 4:211-215, 1994		
	C101	Ishikawa, et al., J. Immunol, 150(9):3713-3727, 1993		
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	C103	Johnson, Immunophar & Infectious Diseases, 291-301, 1987		
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	C115	Lowell, et al., J. of Infec. Disease, 175:292-301, 1997		
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	C117	Michelson et al., Proc. Soc. Exper. Biol. and Med., 179:180-186, 1985		
	C118	Park et al. J. Immunopharm, 17(6):513-515, 1995		
	C119	Pisetsky, Antisense Research and Development, 5(3):219-225 (1995)		
	C120	Stull et al., Pharmaceutical Res., 12(4):465-483, 1995		
	C121	Threadgill, et al., Vaccine, 16(1):76-82, 1998		
	C122	Tursz et al., Immuno. Prosepects of Infectious Diseses, 263-272, 1990	-	
	C123	Uhlmann et al., Chemical Reviews, 90(4):543-584, 1990		
	C124	Wiltrout, et al., J. Biol. Resp. Mod., 4(5):512-7, 1985		
	C125	Xin, et al., Immunology, 94:438-444, 1998		
		<u></u>		_

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Sheet 1 of 2

GROUP ART UNIT: 1632 EXAMINER: B-Gruyen

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS

Date of Publication of Cited Document MM-DD-YYYY

•			U.S. PA	ATENT DUCUMENTS		
Examiner's	Cite	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication of issue of Cited Document	
Initials	No.	Number	Kind Code	Document	MM-DD-YYYY	
•	A33	5,268,365		Rudolph et al.	12-07-1993	
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	A41	6,339,068		Davis et al.	01-15-2002	
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Examiner's	Cite No.	ite Foreign Patent Document		ment	Name of Patentee or Applicant of Cited	Date of Publication of	Translation
Initials		Office/ Country	Number	Kind Code	Document (not necessary)	Cited Document MM-DD-YYYY	(Y/N)
	B47	WO	00/03683		Inex Pharmaceuticals Corporation	01-27-2000	
	B48	WO	99/55743		Inex Pharmaceuticals Corporation	11-04-1999	
	B49	WO	98/51278		Inex Pharmaceuticals Corporation	11-19-1998	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's	Cite	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item	Translation
Initials	No	(book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s),	(Y/N)
	ļ	publisher, city and/or country where published.	<u> </u>
	C86	Agrawal, Tibtech, 14:376-387, 1996	_
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	C88	Boggs, et al. Antisense Nucleic Acid Drug Dev, 7(5)461-471, 1997	
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FORM 110 1449/A and B (Modified)

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Sheet 2 of 2 GROUP ART UNIT: 1632 EXAMINER: D. Nguyen

		
<u></u>	C91	Daheshia et al., Vaccine, 16(11/12):1103-1110, 1998
	C92	Diamanststein
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	C122	Tursz et al., Immuno. Prosepects of Infectious Diseses, 263-272, 1990
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